



American  
Heart  
Association.

# Get With The Guidelines® Quality Improvement Research Opportunities

Hospitals across the country want to ensure their doctors, nurses and other staff are consistently following the best science-based guidance to treat their patients.

**Get With The Guidelines®** focuses on improving patient care by working alongside hospitals and recognizing those that follow evidence-based guidelines.

The American Heart Association's® (AHA) Get With The Guidelines® (GWTG) is a hospital-based quality improvement program designed to close the treatment gaps in patient care and outcomes in atrial fibrillation, coronary artery disease, heart failure, resuscitation and stroke. Data are collected at the patient level for U.S. hospitals participating

in AHA Quality programs and are pivotal for advancing scientific research. Cumulatively, the registries contain more than 9.8 million de-identified patient records. Hospitals participating in GWTG programs have access to their own quality improvement data that can be used for hospital-level research. In addition, there are research opportunities using the National Level Dataset.



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Get With The Guidelines.

*Celebrating 20 Years*

## Hospital/Health System Research

Participating GWTG hospitals and EMS agencies can run reports and view their own data as well as benchmark data for their internal quality improvement efforts. These hospitals and EMS agencies may also want to analyze and publish their hospital level data at conferences, in journals, or on websites.

[Learn more about hospital level research >](#)

## Early Career Research Opportunities

AHA understands the importance of providing Early Career Professionals development opportunities, and offers funded investigator-led research through a limited number of database research seed grants using data from AHA quality improvement programs, including GWTG. Recipients will receive valuable mentorship from AHA's key volunteer physicians.

[Check out the Early Career Investigator Spotlight >](#)

[Visit the Early Career Awards page >](#)

[Learn more about how to apply for this once a year opportunity >](#)

## National GWTG Research

AHA's quality programs research is a highly valuable source for quality-outcomes based research, with over 640 peer-reviewed studies published using these data. Researchers identify specific GWTG data elements of interest to develop and submit hypothesis driven study proposals that undergo a review and approval process.

[Review GWTG AFib, CAD, HF, Stroke and GWTG Resuscitation research opportunities >](#)

## AHA COVID-19 CVD Registry

The COVID-19 CVD Registry provides a unique opportunity for researchers to study the effects of the pandemic over time. Each of the AHA's existing GWTG modules have been a robust source of information to inform clinical practice and patient outcomes, and the Association's COVID-19 CVD Registry data will similarly be a reliable and recognized source of information for research studies.

[Learn more about the COVID-19 CVD Registry and research opportunities >](#)

## GWTG – Collaborative Research Network (GWTG-CORE)

GWTG-CORE is a collaborative research network for participating GWTG hospitals interested in learning about and engaging in clinical research and implementation studies. GWTG-CORE is built upon AHA's suite of quality improvement registries.

[Learn more about GWTG-CORE >](#)

[Click here to register for GWTG-CORE today! >](#)

## AHA Precision Medicine Platform (PMP)

The **Precision Medicine Platform** is a searchable data marketplace with workspaces for researchers to analyze data powered by Amazon Web Services. It houses a broad array of datasets that investigators may access for analysis and/or combine with their own datasets. Secure workspace data analyses allow researchers to write and execute code and view the results as they are processed. Machine learning, statistical and data analysis tools, and visualization packages, along with a variety of genomics and bioinformatics tools, are available in the PMP.

[Learn more about the platform \(video\) >](#)

[Explore the capabilities of the platform \(video\) >](#)

[Visit our online library of publications to see what we've already discovered >](#)

[See the latest featured research from GWTG Data Registries >](#)

